

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

Claims 1 through 10 canceled

11. (currently amended) A method for forming a multilayered polymeric component, comprising:

coextruding a film layer having a clear layer and a color layer with a film layer thickness ranging from 0.30 mm up to 0.7 mm using the steps of:

forming a color layer; and

binding the color layer to a bulk layer;

thermoforming the film layer;

positioning the thermoformed film layer in a mold of a molding machine; and

injecting a polymeric material containing a foaming agent into the mold to create a foam layer bonded to the thermoformed film layer.

12. (original) The method of Claim 11, comprising joining the bulk layer to a backing layer prior to bonding the foam layer.

13. (original) The method of Claim 11, comprising forming the film layer from at least one polymeric material.

14. (original) The method of Claim 13, comprising:
pre-cooling a thermoforming mold prior to the thermoforming step;
and
pre-heating the film layer prior to the thermoforming step.

15. (original) The method of Claim 11, comprising fusing the foam layer to the bulk layer during the bonding step.

16. (original) The method of Claim 11, comprising applying an adhesive between the foam layer and the bulk layer during the bonding step.

17. (currently amended) The method of Claim 11, comprising overcoating a side of the color layer opposite to the bulk layer with a the clear layer prior to the thermoforming step.

18. (canceled)

19. (canceled)

20. (previously presented) A process for molding a vehicle component part, comprising:

creating a polymeric film having a clear layer and a color layer, the film having a film thickness ranging from 0.30 mm up to 0.7 mm;

thermoforming the polymeric film into a predetermined shape;

positioning the predetermined shape in an injection mold; and

injecting a preheated foam mixture into the mold to operably bond the foam mixture to the polymeric film.

21. (previously presented) The process of Claim 20, comprising molding the polymeric film using the steps of:

overcoating the color layer with the clear layer on a first face of the color layer; and

binding a second face of the color layer to a bulk layer.

22. (original) The method of Claim 21, comprising:

joining the bulk layer to a backing layer; and

bonding the foam mixture to the backing layer opposite to the bulk layer.

23. (original) The process of Claim 20, comprising combining a polymeric resin and a foaming agent to operably form the foam mixture.

24. (original) The process of Claim 23, comprising:
preheating the foam mixture in an injection molding machine; and
injecting the foam mixture using the injection molding machine.
25. (canceled)
26. (original) The process of Claim 20, comprising pre-cooling a
thermoforming mold prior to the thermoforming step.
27. (original) The process of Claim 26, comprising:
preheating the polymeric film prior to the thermoforming step; and
positioning the preheated polymeric film in contact with the pre-
cooled thermoforming mold.
28. (original) The process of Claim 20, comprising forming the injection mold
of an aluminum material.

Claims 29 through 36 canceled.

37. (currently amended) A method for forming a multilayered polymeric component, comprising:

co-extruding a film layer having a clear layer and a color layer with a film layer thickness between approximately 0.30 mm and 0.7 mm using the steps of:

forming a color layer; and

binding the color layer to a bulk layer;

thermoforming the film layer;

positioning the thermoformed film layer in a mold of a molding machine;

bonding a foam layer in the mold to the thermoformed film layer, allowing the foam layer to expand in the mold at a pressure up to 300 psi.